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IN THE CLAIMS

PLEASE AMEND THE CLAIMS AS FOLLOWS:

1. (Currently Amended) A method of converting analog input in a first hand-held computing device, the method comprising:
 - receiving the analog input from an analog input device in the first hand-held computing device;
 - converting the analog input to polar coordinates;
 - mapping the polar coordinates to a button for a second hand-held computing device; and
 - generating an event indicating a state of the button for the second hand-held computing device, wherein software executed on the second hand-held computing device may be compatibly executed on the first hand-held computing device.
2. (Currently Amended) The method of claim 1 wherein the polar coordinates may further be expressed as comprise x, y components.
3. (Cancelled)
4. (Currently Amended) The method of claim 1 further comprising retrieving a table of polar coordinates corresponding to [[and]] the button for the second hand-held computing device, and wherein mapping the polar coordinates to the button is based on the table.
5. (Original) The method of claim 1 wherein the second hand-held computing device comprises a legacy PALM operating system button implementation.

6. (Original) The method of claim 1 wherein the second hand-held computing device comprises a 5-way button implementation.
7. (Original) The method of claim 1 wherein the second hand-held computing device comprises an 8-way button implementation.
8. (Original) The method of claim 1 wherein the second hand-held computing device comprises a 4-way button implementation.
9. (Currently Amended) A computer-readable storage medium having embodied thereon mapping software program, the mapping software being executable by a processor to perform a method ~~A software product~~ for converting analog input in a first hand-held computing device, the method software product comprising:
- ~~mapping software operational when executed by a processor to direct the~~
~~processor to receive~~ receiving the analog input from an analog input device in the first hand-held computing device; [[L]]
 - converting the analog input to polar coordinates; [[L]]
 - mapping the polar coordinates to a button for a second hand-held computing device; [[L]] and
 - generating ~~generate~~ an event indicating a state of the button for the second hand-held computing device, wherein software executed on the second hand-held computing device may be compatibly executed on the first hand-held computing device ~~and~~
 - ~~a software storage medium operational to store the mapping software.~~
10. (Currently Amended) The computer-readable storage medium software product of claim 9, wherein the polar coordinates may further be expressed as ~~comprise~~ x, y components.

11. (Cancelled)

12. (Currently Amended) The computer-readable storage medium ~~software product~~ of claim 9, ~~the method further comprising wherein the mapping software is operational when executed by the processor to direct the processor to retrieve~~ retrieving a table of polar coordinates corresponding to ~~[[and]]~~ the button for the second hand-held computing device, and wherein mapping the polar coordinates to the button is based on the table.

13. (Currently Amended) The computer-readable storage medium ~~software product~~ of claim 9, wherein the second hand-held computing device comprises a legacy PALM operating system button implementation.

14. (Currently Amended) The computer-readable storage medium ~~software product~~ of claim 9, wherein the second hand-held computing device comprises a 5-way button implementation.

15. (Currently Amended) The computer-readable storage medium ~~software product~~ of claim 9, wherein the second hand-held computing device comprises an 8-way button implementation.

16. (Currently Amended) The computer-readable storage medium ~~software product~~ of claim 9, wherein the second hand-held computing device comprises a 4-way button implementation.

17. (Currently Amended) A first hand-held computing device comprising:
an analog input device configured to generate analog input; and
a processor configured to receive the analog input from the analog input device,
the processor further configured to execute software stored in memory,
the software for:
 converting the analog input to polar coordinates; [[,]]
 mapping the polar coordinates to a button for a second hand-held
 computing device; [[,]] and
 generating generate an event indicating a state of the button for
the second hand-held computing device, wherein software
executed on the second hand-held computing device may be
compatibly executed on the first hand-held computing device.
18. (Currently Amended) The first hand-held computing device of claim 17 wherein
the polar coordinates may further be expressed as ~~comprise~~ x, y components.
19. (Cancelled)
20. (Currently Amended) The first hand-held computing device of claim 17 wherein
the processor is further configured to retrieve a table of polar coordinates
corresponding to [[and]] the button for the second hand-held computing device, and
wherein mapping the polar coordinates to the button is based on the table.
21. (Original) The first hand-held computing device of claim 17 wherein the second
hand-held computing device comprises a legacy PALM operating system button
implementation.

22. (Original) The first hand-held computing device of claim 17 wherein the second hand-held computing device comprises a 5-way button implementation:

23. (Original) The first hand-held computing device of claim 17 wherein the second hand-held computing device comprises an 8-way button implementation.